



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

**D350-591-312**  
**Job Sheet 169949**



Part No: D350-591-312

Job Qty: 5 ea

Part Name: Heli-Access-Step™ RH - High Gear, Long Step, Aerazur Float Compatible



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/4/18

Job Tracking No:

Due Date: 1/26/18

Created By: Mario Poulin

Type: SOLD

Description:

Customer: Airbus Helicopters - Marignane (CEURO24)

Aéroport International De Marseille Cedex Marignane Marseille, , 13725 France ph:+33 4 42 85 85 85 fx:+33 4 42 85 83 00.

Note: DWG REV B IPP Rev:A 04.03.22 New issue KJ/RF IPP Rev:B 07-06-09 Added D3572-1 JLM IPP Rev:C 08-04-02 ECN1163 DD verified by:EC IPP Rev:D 08-04-08 ECN1164 DD verified by:EC IPP Rev:D fixe route seq in bom DD 10.04.28 verified by:EC

Ship Via:

*\* AIR BUS \**

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off         |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|------------------|
|       |                    |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |                  |
| 90    | Start up Operation | 5 Ea  |            | 1/25/18  | 0.00      | 0.00    | Start Up Large Fab-4  |           | SL 1/10/18       |
| 110   | Large Fab          | 5 pcs |            | 1/25/18  | 0.00      | 5.00    | Large Fab 2           |           | SL 1/15/18       |
| 120   | QC                 | 5 pcs |            | 1/25/18  | 0.00      | 0.00    | QC9                   |           | RD 18-DL15       |
| 130   | QC                 | 5 pcs |            | 1/25/18  | 0.00      | 0.00    | QC5                   |           | RD 18-DL15       |
| 140   | HandFinish         | 5 pcs |            | 1/25/18  | 0.00      | 0.94    | HandFinish1           |           | 2018/01/15/18    |
| 150   | QC                 | 5 pcs |            | 1/25/18  | 0.00      | 0.00    | QC7-2                 |           | CPC              |
| 180   | Large Fab          | 5 pcs |            | 1/25/18  | 0.00      | 5.00    | Large Fab 2           |           | SLDA 1/16/18     |
| 190   | QC                 | 5 pcs |            | 1/25/18  | 0.00      | 0.00    | QC10                  |           | 38 DAW           |
| 200   | QC                 | 5 pcs |            | 1/25/18  | 0.00      | 0.00    | QC5                   |           | 3-88 38          |
| 210   | HandFinish         | 5 pcs |            | 1/25/18  | 0.00      | 0.94    | HandFinish1           |           | 2018/01/18/18    |
| 220   | Powdercoat         | 5 pcs |            | 1/25/18  | 0.00      | 1.49    | Powdercoat1           |           | BR 18-01-18      |
| 230   | HandFinish         | 5 pcs |            | 1/26/18  | 0.00      | 0.94    | HandFinish3           |           | 1 FEB 2018 01-22 |
| 240   | QC                 | 5 pcs |            | 1/26/18  | 0.00      | 0.00    | QC3                   |           | 38               |
| 250   | Packaging          | 5 pcs |            | 1/26/18  | 0.00      | 0.00    | Packaging1-3          |           | JAN 30 2018      |
| 260   | QC                 | 5 pcs |            | 1/26/18  | 0.00      | 0.00    | QC4                   |           | Smb              |
| 265   | DC                 | 5 pcs |            | 1/26/18  | 0.00      | 0.00    | DC                    |           |                  |
| 270   | Packaging          | 5 pcs |            | 1/26/18  | 0.00      | 0.00    | Packaging3-1          |           | Smb              |
| 280   | QC21-FG            | 5 Ea  |            | 1/26/18  | 0.00      | 0.00    | QC21                  |           |                  |

*fg084*

Part Op 110 - 1-Bevel end for welding FWD ONLY 2-Weld Support using Jig DT10115, weld Fwd End Plate as per Dwg D3272 A/R Aluminum Rod 3-Grind End Plate flush

Descriptions: Dwg D3272 A/R Aluminum Rod 3-Grind End Plate flush  
180 - 1-Assemble Leg Assembly as per Dwg D3272. 2-Leave one rivet out until welding is complete. 3-Bevel Aft end for welding 4-Inspect for foreign object as per QSI 024 5-Weld Aft End Plate as per QSI 004 & Dwg D3272 A/R Aluminum Rod 6-Grind End Plate flush 7-Install last rivet as per Dwg.

220 - START TIME: 10:20 OVEN TEMPERATURE: 300 FINISH TIME: 10:50

265 - Photocopy bluefile and type labels as per PPP D350-591-312 CHG001

270 - Identify and pack for shipping as per PPPD350-591-312 Location :FG072

*my wing work M138711*

### Job Allocations

| Operation | Component Part | Required | Inventory | Allocated | Std Qty |
|-----------|----------------|----------|-----------|-----------|---------|
|-----------|----------------|----------|-----------|-----------|---------|

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                      | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/><br/>           Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/><br/>           Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Step #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MRB (QSI042) Approval                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Completed By                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead hand / Supervisor Approval Verification                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | QC / QA Coordinator Approval                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Root Cause                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FAULT CATEGORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Environment <input type="checkbox"/><br>Design <input type="checkbox"/><br>Doc/Data <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Pre <input type="checkbox"/><br>Material <input type="checkbox"/><br>Internal Transport <input type="checkbox"/><br>Tribal Knowledge <input type="checkbox"/><br>LOA <input type="checkbox"/><br>Substation <input type="checkbox"/><br>Past Expiry Date <input type="checkbox"/><br>Misidentified <input type="checkbox"/> | No Re-verification <input type="checkbox"/><br>Operator <input type="checkbox"/><br>Offset/Setup <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Training <input type="checkbox"/><br>Use for Testing <input type="checkbox"/><br>Poor Information <input type="checkbox"/><br>Rushing <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Past Due <input type="checkbox"/> | Pressure/Forced <input type="checkbox"/><br>Bending <input type="checkbox"/><br>Centre Not Concentric <input type="checkbox"/><br>Cracks <input type="checkbox"/><br>Crimp/Kink/Ripple/Wave <input type="checkbox"/><br>Cuffs <input type="checkbox"/><br>Crushing <input type="checkbox"/><br>Heat Treat <input type="checkbox"/><br>Wave/Twist in Tube <input type="checkbox"/><br>Marks/Chatter <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Temperature/Cure <input type="checkbox"/><br>Set-up <input type="checkbox"/><br>BOM/Route <input type="checkbox"/><br>Broken/Damage/Defect <input type="checkbox"/><br>Inspection Incomplete/Unqualified <input type="checkbox"/><br>Contamination <input type="checkbox"/><br>Countersink <input type="checkbox"/><br>Cut Too Short <input type="checkbox"/><br>Instructions Incomplete/Unclear <input type="checkbox"/><br>Drill Holes <input type="checkbox"/> | Power Loss/Surge <input type="checkbox"/><br>Folio/Program <input type="checkbox"/><br>Grain <input type="checkbox"/><br>Weld <input type="checkbox"/><br>Wrong Stock Pulled <input type="checkbox"/><br>Out of Sequence <input type="checkbox"/><br>Off-set <input type="checkbox"/><br>Misabeled <input type="checkbox"/><br>Fit/Function <input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/> | Positioned Wrong <input type="checkbox"/><br>Outside Dimensions <input type="checkbox"/><br>Over/Under tolerance <input type="checkbox"/><br>Part Incorrect <input type="checkbox"/><br>Part Lost/Missing <input type="checkbox"/><br>Part Moved <input type="checkbox"/><br>Drawing <input type="checkbox"/><br>Finish <input type="checkbox"/><br>Misread <input type="checkbox"/><br>Turning Sequence <input type="checkbox"/> |
| OTHER : <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   |



## 90-Start up Operation

|                 |    |         |   |   |
|-----------------|----|---------|---|---|
| D3067-1         | 5  | 18      | 0 | 0 |
| D3219-1         | 10 | 54      | 0 | 0 |
| D3272-1         | 5  | 0       | 0 | 0 |
| D3065-041       | 5  | 14      | 0 | 0 |
| D3066-1         | 10 | 90      | 0 | 0 |
| D3067-1         | 5  | 18      | 0 | 0 |
| MS20600-AD4W4   | 80 | 1,447   | 0 | 0 |
| AN3-35A         | 10 | 268     | 0 | 0 |
| AN4-13A         | 40 | 1,299   | 0 | 0 |
| AN5-36A         | 10 | 194     | 0 | 0 |
| D2230-3         | 20 | 179     | 0 | 0 |
| D2618           | 10 | 190     | 0 | 0 |
| D2856-400-220 - | 2  | 155 10x | 0 | 0 |
| D3235-1         | 10 | 67      | 0 | 0 |
| D3278-041       | 5  | 23      | 0 | 0 |
| MS21042L3       | 10 | 3,336   | 0 | 0 |
| MS21042L4       | 40 | 3,684   | 0 | 0 |
| MS21042L5       | 10 | 759     | 0 | 0 |
| NAS1149D0363J   | 20 | 4,434   | 0 | 0 |
| NAS1149D0463J   | 80 | 5,772   | 0 | 0 |
| NAS1149D0563J   | 20 | 1,319   | 0 | 0 |

## Part Specifications

Specifications could not be found.

Plex 1/4/18 8:48 AM dart.poulin.mario

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

# WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                              |                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                                              |  |  |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------|--|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____ | <b>DISPOSITION</b><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Approved <input type="checkbox"/> |  | <b>AGAINST DEPARTMENT/PROCESS</b><br><div> <div>Skid-tube <input type="checkbox"/></div> <div>Cross tube <input type="checkbox"/></div> <div>Water Jet <input type="checkbox"/></div> <div>Engineering <input type="checkbox"/></div> </div> <div> <div>Machining <input type="checkbox"/></div> <div>Small Fab <input type="checkbox"/></div> <div>Prod. Eng. Coord. <input type="checkbox"/></div> <div>Quality <input type="checkbox"/></div> </div> <div> <div>Thermoforming <input type="checkbox"/></div> <div>Finishing <input type="checkbox"/></div> <div>Rec/Store/Packaging <input type="checkbox"/></div> <div>Other <input type="checkbox"/></div> </div> <div> <div>Large Fab <input type="checkbox"/></div> <div>Composite <input type="checkbox"/></div> <div>Supplier <input type="checkbox"/></div> </div> |                              |                                              |  |  |
|                                                              |                                                                                                                                                                    |  | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              | MRB (QSI042) Approval                        |  |  |
|                                                              |                                                                                                                                                                    |  | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                              | Completed By                                 |  |  |
|                                                              |                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              | Lead hand / Supervisor Approval Verification |  |  |
|                                                              |                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | QC / QA Coordinator Approval |                                              |  |  |

  

| FAULT CATEGORY                                             |                                                |                                               |
|------------------------------------------------------------|------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Temperature/Cure                  | <input type="checkbox"/> Power Loss/Surge      | <input type="checkbox"/> Positioned Wrong     |
| <input type="checkbox"/> Set-up                            | <input type="checkbox"/> Folio/Program         | <input type="checkbox"/> Outside Dimensions   |
| <input type="checkbox"/> BOM/Route                         | <input type="checkbox"/> Grain                 | <input type="checkbox"/> Over/Under tolerance |
| <input type="checkbox"/> Broken/Damage/Defect              | <input type="checkbox"/> Weld                  | <input type="checkbox"/> Part Incorrect       |
| <input type="checkbox"/> Inspection Incomplete/Unqualified | <input type="checkbox"/> Wrong Stock Pulled    | <input type="checkbox"/> Part Lost/Missing    |
| <input type="checkbox"/> Contamination                     | <input type="checkbox"/> Out of Sequence       | <input type="checkbox"/> Part Moved           |
| <input type="checkbox"/> Countersink                       | <input type="checkbox"/> Off-set               | <input type="checkbox"/> Drawing              |
| <input type="checkbox"/> Cut Too Short                     | <input type="checkbox"/> Mislabeled            | <input type="checkbox"/> Finish               |
| <input type="checkbox"/> Instructions Incomplete/Unclear   | <input type="checkbox"/> Fit/Function          | <input type="checkbox"/> Misread              |
| <input type="checkbox"/> Drill Holes                       | <input type="checkbox"/> Misaligned/off center | <input type="checkbox"/> Turning Sequence     |

Dart Aerospace Ltd.

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**S031037**



Heli - Access - Step RH - High Gear, Long Step, Aerazur  
Float Compatible

**D350-591-312**

**PART NO:**

**Original Serial #: S031037**

**Revision:**

**Large Fab**

**Operation:**

**CHG002**

**Change No:**

Mfg Date: 01/10/18

Job No: 169949



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

## Master Unit 000241

Tel (613) 632-5200

| Containers on Master Unit 000241 |               |                  |           |          |
|----------------------------------|---------------|------------------|-----------|----------|
| Serial No                        | Part No       | Customer Part No | Status    | Quantity |
| S036960                          | AN3-35A       |                  | Allocated | 10       |
| S036941                          | AN4-13A       |                  | Allocated | 40       |
| S036936                          | AN5-36A       | AN5-36A          | Allocated | 10       |
| S036926                          | D2230-3       | D2230-3          | Allocated | 20       |
| S036913                          | D2618         | D2618            | Allocated | 10       |
| S036905                          | D2856-400-720 | D2856-400-720    | Allocated | 10       |
| S026863                          | D3235-1       | D3235-1          | Allocated | 10       |
| S036965                          | D3278-041     | D3278-041        | Allocated | 5        |
| S036895                          | MS21042L3     | MS21042L3        | Allocated | 10       |
| S036891                          | MS21042L4     | MS21042L4        | Allocated | 40       |
| S036889                          | MS21042L5     |                  | Allocated | 10       |
| S036887                          | NAS1149D0363J | NAS1149D0363J    | Allocated | 20       |
| S036886                          | NAS1149D0463J | NAS1149D0463J    | Allocated | 80       |
| S036885                          | NAS1149D0563J | NAS1149D0563J    | Allocated | 20       |



| Qty<br>-213 | Qty<br>-214 | Qty<br>-215 | Qty<br>-216 | Qty<br>-311 | Qty<br>-312 | Part Number   | Description                                  |
|-------------|-------------|-------------|-------------|-------------|-------------|---------------|----------------------------------------------|
| X           |             |             |             |             |             | D350-591-213  | Hel-Access-Step™, Short Step – High Skid, LH |
|             | X           |             |             |             |             | D350-591-214  | Hel-Access-Step™, Short Step – High Skid, RH |
|             |             | X           |             |             |             | D350-591-215  | Hel-Access-Step™, Short Step – Low Skid, LH  |
|             |             |             | X           |             |             | D350-591-216  | Hel-Access-Step™, Short Step – Low Skid, RH  |
|             |             |             |             | X           |             | D350-591-311  | Hel-Access-Step™, Long Step – High Skid, LH  |
|             |             |             |             |             | X           | D350-591-312  | Hel-Access-Step™, Long Step – High Skid, RH  |
| 1           |             |             |             |             |             | D3078-041     | STEP ASSEMBLY (HIGH-SHORT, LH)               |
|             | 1           |             |             |             |             | D3078-042     | STEP ASSEMBLY (HIGH-SHORT, RH)               |
|             |             | 1           |             |             |             | D3168-041     | STEP ASSEMBLY (LOW-SHORT, LH)                |
|             |             |             | 1           |             |             | D3168-042     | STEP ASSEMBLY (LOW-SHORT, RH)                |
|             |             |             |             | 1           |             | D3272-041     | STEP ASSEMBLY (HIGH-LONG, LH)                |
|             |             |             |             |             | 1           | D3272-042     | STEP ASSEMBLY (HIGH-LONG, RH)                |
| 2           | 2           | 2           | 2           | 4           | 4           | D2230-3       | MOUNTING LUG                                 |
| 2           | 2           | 2           | 2           | 2           | 2           | D2618         | BUSHING                                      |
| 4           | 4           | 4           | 4           |             |             | D2732-030     | CUSHION                                      |
|             |             |             |             | 2           | 2           | D2856-400-720 | ABRASION STRIP                               |
| 2           | 2           | 2           | 2           | 2           | 2           | D3235-1       | MOUNTING LUG                                 |
|             |             |             |             | 1           | 1           | D3278-041     | SUPPORT ASSEMBLY                             |
| 2           | 2           | 2           | 2           | 2           | 2           | AN3-35A       | BOLT                                         |
|             |             |             |             | 8           | 8           | AN4-13A       | BOLT                                         |
| 4           | 4           | 4           | 4           |             |             | AN4-15A       | BOLT                                         |
| 2           | 2           | 2           | 2           | 2           | 2           | AN5-36A       | BOLT                                         |
| 4           | 4           | 4           | 4           | 4           | 4           | NAS1149D0363J | WASHER (AN960JD10)                           |
| 12          | 12          | 12          | 12          | 16          | 16          | NAS1149D0463J | WASHER (AN960JD416)                          |
| 4           | 4           | 4           | 4           | 4           | 4           | NAS1149D0563J | WASHER (AN960JD516)                          |
| 2           | 2           | 2           | 2           | 2           | 2           | MS21042L3     | NUT                                          |
| 6           | 6           | 6           | 6           | 8           | 8           | MS21042L4     | NUT                                          |
| 2           | 2           | 2           | 2           | 2           | 2           | MS21042L5     | NUT                                          |
|             |             |             |             | 1           | 1           | *DSI 9410-011 | STEP MODIFICATION KIT                        |

\*DSI 9410-011 Step Modification Kits are provided with all D350-591-311 and D350-591-312 Steps. This kit is provided as an option for the installer and is therefore **NOT REQUIRED** to complete the installation of the D350-591-311 or D350-591-312 Steps. Refer to Figure 15 for installation of the DSI 9410-011 Kit.